

STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES

PUBLIC NOTICE OF INTENT TO REISSUE A WISCONSIN POLLUTANT DISCHARGE ELIMINATION SYSTEM (WPDES) PERMIT No. WI-0003085-09-0

Permittee: Superior Refining Company LLC, 2407 Stinson Avenue, Superior, WI, 54880

Facility Where Discharge Occurs: Superior Refining Company LLC - Husky Superi, 2407 Stinson Avenue, Superior, WI 54880

Receiving Water And Location: Newton Creek (WBIC 2843650) within the St. Louis and Lower Nemadji Watershed (LS01) in the Lake Superior Basin in Douglas County

Brief Facility Description and Summary of Proposed Changes: Prior to April 26, 2018, Superior Refining Company, LLC (SRC) refined crude oil to produce gasoline, kerosene, diesel fuel, heating oils, fuel oils, liquid petroleum gas, asphalt and elemental sulfur. Refinery processes performed were categorized as the "cracking process" subcategory in Chapter NR 279, Wis. Adm. Code for calculation of categorical limits.

On April 26, 2018, a fire occurred at SRC which halted production. Production has not resumed since. There are plans to discontinue the process wastewater discharge to Newton Creek once production resumes and send their effluent to the City of Superior POTW. However, one consequence of no production is that no process wastewater or cooling tower blowdown are generated onsite. Therefore, an average of 0.23 MGD of boiler blowdown, water softener backwash, and process area stormwater are treated in an activated sludge treatment system and discharged via Outfall 001 to Newton Creek. Stormwater from non-process areas (tank farms) is routed to stormwater lagoons and discharged to Newton Creek through Outfalls designated as 002 and 003. Outfall 002 has not been in use, as the stormwater stream from pond 4 is now routed through the WWTP with eventual monitoring and discharge through Outfall 001. However, Outfall 002 is maintained in this permit for emergency overflow conditions. Outfall 003 has an average flow rate of 21,000 gpd. Hydrostatic test water from periodic testing of tanks is treated in an oil water separator and discharged to Newton Creek through Outfall 004. Newton Creek flows approximately 2.5 miles to Hog Island Inlet that flows into Lake Superior Bay.

Some notable changes to this permit:

- There is no longer reasonable potential to exceed an effluent limit for chloride and mercury, so no limits are established for these parameters
- Monitoring frequency has been reduced for several of the parameters
- Compliance schedules have been added for compliance with temperature and barium effluent limitations

Permit Drafter's Name, Address, Phone and Email: Nate Willis, 101 S. Webster St. PO Box 7921, Madison, WI, 53707-7921, (608) 266-3221, nathaniel.willis@wisconsin.gov

Basin Engineer's Name, Address, Phone and Email: Eric Devenecia, 1701 N 4th St, Superior, WI 54880, (715) 685-4155, Eric.DeVenecia@Wisconsin.gov

The Department has tentatively decided that the above specified WPDES permit should be reissued.

Persons wishing to comment on or object to the proposed permit action, or to request a public hearing, may write to the Department of Natural Resources at the above-named permit drafter's address. All comments or suggestions received no later than 30 days after the publication date of this public notice will be considered along with other information on file in making a final decision regarding the permit. Anyone providing comments in response to this public notice will receive a notification of the Department's final decision when the permit is issued. Where designated as a reviewable surface water discharge permit, the U.S. Environmental Protection Agency is allowed up to 90 days to submit comments or objections regarding this permit determination. If no comments are received on the proposed permit from anyone, including U.S. EPA, the permit will be issued as proposed.

The Department may schedule a public informational hearing if requested by any person and shall schedule a public informational hearing if a petition requesting a hearing is received from 5 or more persons or if response to this notice indicates significant public interest pursuant to s. 283.49, Stats. Requests for a public informational hearing shall state the following: the name and address of the person(s) requesting the hearing; the interest in the proposed permit of the person(s) requesting the hearing; the reasons for the request; and the issues proposed to be considered at the hearing.

Information on file for this permit action, including the draft permit, fact sheet and permit application, may be inspected and copied at either the above named permit drafter's office or the above named basin engineer's office, Monday through Friday (except holidays), between 9:00 a.m. and 3:30 p.m. Please call the permit drafter or basin engineer for directions to their office location, if necessary. Information on this permit action may also be obtained by calling the permit drafter at (608) 266-3221 or by writing to the Department. Reasonable costs (15 cents per page for copies and 7 cents per page for scanning) will be charged for information in the file other than the public notice, permit and fact sheet. Permit information is also available on the internet at:

<http://dnr.wi.gov/topic/wastewater/PublicNotices.html>. Pursuant to the Americans with Disabilities Act, reasonable

accommodation, including the provision of informational material in an alternative format, will be made to qualified individuals upon request.

NAME OF PUBLISHING NEWSPAPER: Superior Telegram

ADDRESS OF PUBLISHING NEWSPAPER: 424 West First Street, Duluth, MN 55802

Date Notice Issued: Tuesday, October 22, 2019

STREAMLINED PUBLIC NOTICE VERSION FOR NEWSPAPER

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FOR THE COMPLETE PUBLIC NOTICE AND DETAILS GO TO THE WEB LINK:

<http://dnr.wi.gov/topic/wastewater/PublicNotices.html>

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The Department may schedule a public informational hearing if requested by any person and shall schedule an informational hearing if a petition requesting a hearing is received from 5 or more persons or if response to this notice indicates significant public interest pursuant to s. 283.49, Stats. Information on requesting a hearing is at the above web link.

Limitations and conditions which the Department believes adequately protect the receiving water are included in the proposed permit. Information on file for this permit action, including the draft permit, fact sheet and permit application, may be reviewed on the internet at the above web link or may be inspected and copied at the permit drafter's office during office hours. Information on this permit may also be obtained by calling the permit drafter or by writing to the Department. Reasonable costs (15 cents per page for copies and 7 cents per page for scanning) will be charged for information in the file other than the public notice, permit and fact sheet. Pursuant to the Americans

with Disabilities Act, reasonable accommodation, including the provision of informational material in an alternative format, will be made to qualified individuals upon request.